Project Title	Funding	Institution
Vicarious neural activity, genetic differences and social fear learning	$53,942	Oregon Health & Science University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	$0	Stanford University School of Medicine
Understanding copy number variants associated with autism	$250,000	Duke University Medical Center
Training in translational social neuroscience	$98,163	Emory University
Tooth pulp as a source for neuronal precursor cells to study neurogenetic disorders	$217,125	University of Tennessee Health Science Center
The role of glutamate receptor intereacting proteins in autism	$249,999	Johns Hopkins University School of Medicine
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Salk Institute for Biological Studies
Temporally controlled genetic rescue of Shank3 autism model	$60,000	University of Texas Southwestern Medical Center
Synaptic pathophysiology of 16p11.2 model mice	$250,000	Massachusetts Institute of Technology
Studying the neural development of patient-derived stem cells	$62,500	Johns Hopkins University School of Medicine
Studies of genetic and metabolic disorders, autism and premature aging	$1,446,354	National Institutes of Health
Striatal synaptic abnormalities in models of autism	$381,600	University of Texas Southwestern Medical Center
Small-molecule compounds for treating autism spectrum disorders	$175,000	University of North Carolina at Chapel Hill
Serotonin, autism, and investigating cell types for CNS disorders	$235,867	Washington University in St. Louis
Roles of oxytocin and vasopressin in brain	$1,496,471	National Institutes of Health
Role of UBE3A in neocortical plasticity and function	$77,686	University of North Carolina at Chapel Hill
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	$0	New York State Institute for Basic Research in Developmental Disabilities
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	$0	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	$79,675	King's College London
Role of Caspr2 (CNTNAP2) in brain circuits- Core	$89,999	Weizmann Institute of Science
Role of cadherin 8 in assembling circuits in the prefrontal cortex	$62,376	Mount Sinai School of Medicine
Role of astrocytic glutamate transporter GLT1 in fragile X	$0	Tufts University
Reversing BDNF impairments in Rett mice with TRPC channel activators	$256,375	University of Alabama at Birmingham
Rat knockout models of ASD	$0	Baylor College of Medicine
Quantitative analysis of effect of autism-related genes on behavioral regulation	$0	University of California, San Francisco
PsychoGenics Inc.	$312,375	PsychoGenics Inc.
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	$58,900	University of Texas Southwestern Medical Center
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	$0	University of North Carolina at Chapel Hill

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Preclinical Autism Consortium for Therapeutics (PACT)-Boston Children's Hospital Site	$91,174	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital	$172,009	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	$98,351	Baylor College of Medicine
Preclinical Autism Consortium for Therapeutics (PACT)	$200,894	University of California, Davis
Preclinical Autism Consortium for Therapeutics	$94,331	University of California, Davis
Perinatal choline supplementation as a treatment for autism	$0	Boston University
Oxytocin receptors and social behavior	$422,748	Emory University
Optical imaging of circuit dynamics in autism models in virtual reality	$0	Harvard Medical School
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	$0	University of Texas Health Science Center at San Antonio
Novel genetic models of autism	$415,328	University of Texas Southwestern Medical Center
Novel approaches to enhance social cognition by stimulating central oxytocin release	$119,499	Emory University
Neuroligin function in vivo: Implications for autism and mental retardation	$373,032	University of Texas Southwestern Medical Center
Neurobiological signatures of social dysfunction and repetitive behavior	$374,400	Vanderbilt University Medical Center
Neural and cognitive mechanisms of autism	$0	Massachusetts Institute of Technology
Modeling the serotonin contribution to autism spectrum disorders	$222,643	Vanderbilt University Medical Center
Misregulation of microtubule dynamics in Autism	$60,000	Drexel University
Mechanisms of stress-enhanced aversive conditioning	$366,000	Northwestern University
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	$60,000	University of California, Los Angeles
Investigating the role of CNTNAP2 gene in vocal learning in mutant songbirds	$197,609	University of Massachusetts Medical School
Investigating the effects of chromosome 22q11.2 deletions	$150,000	Columbia University
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	$56,900	Baylor College of Medicine
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	$277,269	University of California, San Francisco
Identifying therapeutic targets for autism using Shank3-deficient mice	$466,151	Mount Sinai School of Medicine
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	$137,173	Mount Sinai School of Medicine
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	$0	Duke University
Functional consequences of disrupted MET signaling	$0	Children's Hospital Los Angeles
Functional analysis of rare variants in genes associated with autism	$146,625	Yale University

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Exploring VIPR2 microduplication linkages to autism in a mouse model	$60,000	University of California, Los Angeles
Exploring the neuronal phenotype of autism spectrum disorders using induced pluri	$180,391	Stanford University
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	$0	University of Pennsylvania
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	$28,600	Vanderbilt University
Establishing next-generation tools for quantitative behavioral phenotyping	$0	Harvard Medical School
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	$50,600	University of North Carolina at Chapel Hill
Effects of chronic intranasal oxytocin	$526,020	University of California, Davis
Effect of abnormal calcium influx on social behavior in autism	$62,500	University of California, San Francisco
Dissecting the circuits underlying autism-like behaviors in mice	$175,000	Massachusetts Institute of Technology
Deficits in tonic inhibition and the pathology of autism spectrum disorders	$62,500	Tufts University
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	$148,914	Massachusetts General Hospital
Comprehensive Phenotyping of Autism Mouse Models	$416,495	The University of Pennsylvania
Characterization of the schizophrenia-associated 3q29 deletion in mouse	$528,118	Emory University
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	$0	Duke University
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	$90,713	University of California, Davis
Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	$164,853	University of Toronto
Cerebellar signaling in mouse models of autism	$125,000	Northwestern University
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	$45,000	University of Geneva
Cell type-specific profiling for autism spectrum disorders	$0	Columbia University
Biomarker discovery for low sociability: A monkey model	$62,500	Stanford University
A novel translational model of autism spectrum disorder	$267,750	Emory University
Animal model of speech sound processing in autism	$239,188	University of Texas at Dallas
A mouse model of top-down interactions	$0	The Rockefeller University
Adverse prenatal environment and altered social and anxiety-related behaviors	$15,000	University of Pennsylvania
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	$200,000	University of California, Davis
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	$200,000	Stanford University
16p11.2: Defining the gene(s) responsible (grant 1)	$104,190	Cold Spring Harbor Laboratory

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16p11.2: defining the gene(s) responsible	$175,000	Cold Spring Harbor Laboratory